

Title (en)

Styrene resin composition and method of producing a molding thereof

Title (de)

Styrolharzzusammensetzung und Verfahren zur Herstellung eines Formstückes daraus

Title (fr)

Composition de résine styrénique et méthode pour produire une pièce moulée à partir de celle-ci

Publication

EP 0570133 B1 19970115 (EN)

Application

EP 93303355 A 19930429

Priority

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- JP 11127092 A 19920430

Abstract (en)

[origin: EP0570133A1] A styrene resin composition comprises a crosslinked styrene resin and, uniformly dispersed therein, an uncrosslinked resin capable of being extracted with an organic solvent and present in an amount of 3 - 50% by weight of the total composition. A molding is produced from the composition by cast polymerizing a liquid mixture comprising by weight, based on the total amount of ingredients (a), (b) and (c): (a) 30% or more of styrene monomer; (b) less than 70% of a monofunctional monomer having one radical-polymerizable double bond; (c) 0.01 - 40% of a polyfunctional monomer having at least two radical-polymerizable double bonds; (d) from 3 - 100 parts of a resin component soluble in a mixture of (a), (b) and (c); and (e) from 0.001 - 5 parts by weight per 100 parts by weight of the total amount of (a), (b), (c) and (d) of a free-radical polymerization initiator.

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IPC 8 full level

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CPC (source: EP US)

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